

CLAIMS:

1. A friction roller which is fitted to a conveyor in an assembly line, and which conveys a jig pallet, characterized by comprising:
 - an annular elastic ring which can come into contact with the jig pallet; and
 - a support roller which is internally fitted to the elastic ring, and which is connected to a drive source, wherein the elastic ring includes positioning means for positioning the support roller; the support roller is formed so as to be divided into two divided portions in a thickness direction; and each of the two divided portions is internally fitted to the elastic ring, and then the two divided portions are combined such that the elastic ring and the support roller are integrated.
2. The friction roller according to claim 1, wherein the positioning means of the elastic ring includes symmetrical taper faces which expand outward to both lateral faces, and which are formed in an inner peripheral face of the elastic ring.
3. The friction roller according to claim 2, wherein the outer peripheral face of each of the divided portions of the support roller is formed to have a taper face so that the outer peripheral face can be positioned with respect to the elastic ring, and a taper angle of the taper face of each of the divided portions is smaller than that of each of the taper faces formed in the inner peripheral face of the elastic ring.
4. The friction roller according to claim 3, wherein a knurling portion is formed in the taper face of each of the divided portions of the support roller.
5. The friction roller according to any one of claims 1 to 4, wherein a concave groove or a protrusion ring is formed continuously or intermittently in an entire circumference of one lateral face of the elastic ring.